

WHAT IS CLAIMED IS:

1. A film forming apparatus comprising:

a rotating unit for rotating a substrate; and

a film forming jig which is to be placed on the

5 substrate,

wherein in a state where a film forming liquid is supplied to contact with an outer periphery of the film forming jig, the rotation unit rotates to form a film.

10 2. The film forming apparatus according to claim 1, wherein a thickness of the film forming jig is larger than that of the film.

15 3. The film forming apparatus according to claim 1, wherein the film forming jig has a substantially cylindrical shape.

20 4. The film forming apparatus according to claim 1, wherein the film forming jig has a substantially conical shape.

25 5. The film forming apparatus according to claim 1, wherein the film forming jig has a substantially truncated conical shape.

6. A film forming method comprising the steps of:
placing a film forming jig on a substrate;
supplying film forming liquid to be in contact with an
outer periphery of the film forming jig; and
5 rotating the substrate.

7. A film forming apparatus comprising:
a rotating unit for rotating a substrate; and
a film forming liquid supplying device for supplying
10 film forming liquid onto the substrate during rotation of
the rotating unit.

8. The film forming apparatus according to claim 7,
wherein the substrate has a non-film-forming region to
15 which the film forming liquid is not applied; and
the film forming liquid supplying device supplies the
film forming liquid to a region outside the non-film-
forming region.

20 9. The film forming apparatus according to claim 7,
wherein the film forming liquid supplying device comprises
a liquid reservoir for storing the film forming liquid; and
the film forming liquid stored in the liquid reservoir
is supplied onto the substrate through a supply port
25 communicating with the liquid reservoir.

10. The film forming apparatus according to claim 8,
wherein the film forming liquid supplying device has a
cover portion for covering the non-film-forming region of
the substrate.

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11. The film forming apparatus according to claim 10,
wherein the cover portion has a truncated conical shape.

12. The film forming apparatus according to claim 9,
wherein the film forming liquid is supplied through the
supply port by applying an air pressure to the film forming
liquid stored in the liquid reservoir.

13. The film forming apparatus according to claim 9,
wherein the liquid reservoir is rotatable together with the
rotating unit.

14. The film forming apparatus according to claim 13,
wherein the film forming liquid is supplied through the
supply port by applying a centrifugal force due to the
rotation of the rotating unit to the film forming liquid
stored in the liquid reservoir.

15. The film forming apparatus according to claim 1,
wherein the substrate is an optical disc substrate.

16. A film forming method comprising the steps of supplying a film forming liquid onto a substrate while the substrate is rotated.

5 17. The film forming method according to claim 16, wherein the substrate has a non-film-forming region to which the film forming liquid is not applied; and
10 in the supplying step, the film forming liquid is supplied to a region outside the non-film-forming region.

18. The film forming method according to claim 16, further comprises the steps of storing the film forming liquid into a liquid reservoir,

15 wherein in the supplying step, the film forming liquid stored in the liquid reservoir is supplied onto the substrate through a supply port communicating with the liquid reservoir.

20 19. The film forming method according to claim 16 wherein in the supplying step, the film forming liquid is supplied through the supply port by applying an air pressure to the film forming liquid stored in the liquid reservoir.

25 20. The film forming method according to claim 18,

wherein the liquid reservoir is rotatable together with the substrate.

21. The film forming method according to claim 20,
5 wherein the film forming liquid is supplied through the supply port by applying a centrifugal force due to the rotation to the film forming liquid stored in the liquid reservoir.

10 22. The film forming method according to any one of claims 16, wherein the substrate is an optical disc substrate.